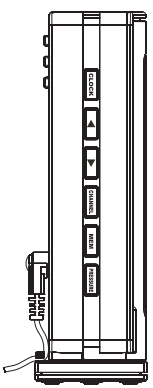
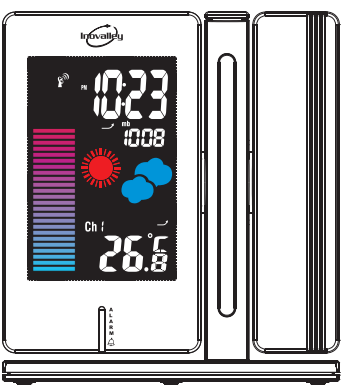
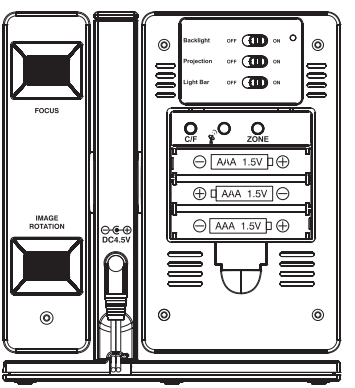
WEATHER FORECASTER WITH IN/OUT THERMO
RADIO-CONTROLLED
COLOR PROJECTION CLOCK
- Ref.: RPM10 -

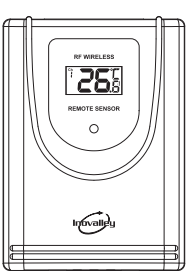
- OWNER'S MANUAL -

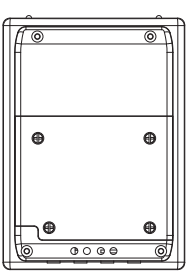
Thank you for purchasing the new generation of color projection clock. Designed and engineered with the state-of-art technology and components, this instrument will provide accurate and reliable radio-controlled time, weather forecast, barometric pressure & In/Out temperature readings as well as night-light and time projection features. Read this manual carefully to fully explore the features and functions of the new product.

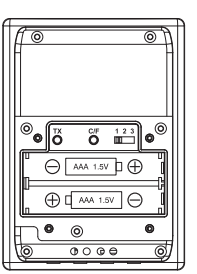












NAME AND FUNCTIONS OF BUTTONS

	Press Functions	**Hold 3 seconds**
CLOCK	Read time, calendar and day-of-week	Set Clock & Calendar
ALARM	Read alarm time; enable/disable alarm	Alarm time setting
▲ UP	1 step forward in setting	Fast advance
▼ Down	1 step backward in setting	Fast backward
CHANNEL	Select indoor, Channel 1, 2, 3, auto scroll	Search for remote sensor
MEMORY	Read max/min temperatures	Clear memory record
PRESSURE	Toggle pressure unit hPa, inHg & mb	Altitude setting
ZONE	Toggle RC time & Zone time	Zone time setting
C/F	Toggle degree C & F Unite	
	Search for Radio-Controlled time	
SNOOZE/ LIGHT	Trigger snooze alarm, extend backlight & projection	
	Rotary Knob	
FOCUS	Adjust focus of projected image	
IMAGE ROTATION	Rotate projected image	
	Slide Switch	
Backlight On/Off	Turn on/off continuous backlight when adapter is connected	
Projection On/Off	Turn on/off continuous projection when adapter is connected	
Light Bar On/Off	Turn on/off continuous light bar when adapter is connected	

BATTERY & ADAPTER INSTALLATION

Projection Clock

Main Power Source: Plug in the 4.5V adapter into the adapter socket at the back casing
Continuous backlight, projection & light bar only available when adapter is connected

Backup Power: Lift off the battery cover, install 3 pieces of AAA (no included) backup batteries according to the polarity indicated, close the battery cover.

Remote Sensor

Loosen the screws on the battery door with a small screwdriver, insert 2 pieces of AAA (included) batteries according to the polarity indicated. Replace the cover and tighten the screws after the RF set-up procedure below is finished.

ALTITUDE SETTING

After battery installation, the main unit will enter altitude setting mode directly. Press "▲" or "▼" to select the unit in hPa, inHg or mb. Press "PRESSURE" to confirm. Then press "▲" or "▼" to enter your current altitude. Press "PRESSURE" to confirm and exit the setting. This allows the unit to provide a more accurate barometric pressure & weather forecast readings. (For more information, see "WEATHER FORECAST & BAROMETRIC PRESSURE" section)

SETTING UP THE WIRELESS THERMOMETER:

- For the first installation, always turn on the home unit and then the remote sensor. Set Channel 1 for the first remote sensor. Set channel 2 and channel 3 for the 2nd and 3rd sensor.
- Press and hold CHANNEL button on main unit until a beep is sound to search for remote sensor.
- Press the Tx button on the back of remote sensor to transmit RF signal.
- When RF connection is established, the respective temperature will appear on the main unit.

RADIO-CONTROLLED CLOCK

The unit will start synchronizing the clock after battery/adapter installation or reset. In normal mode, press " " in the battery compartment to enforce searching of radio-controlled clock signal. The antenna icon will appear during synchronization, if the icons disappear afterwards, radio time signal is not available at the moment. Try other locations later. Place the unit away from source of interference such as mobile phones, appliances, TV etc.

Antenna icon with full signal strength will appear on screen if the reception of radio-controlled time is successful. The radio-controlled clock will have a daily synchronization at 02:03 and 03:03 everyday. Each reception cycle is minimum 2.5 minutes and maximum 10 minutes.

WEATHER FORECAST & BAROMETRIC PRESSURE

The unit predicts weather condition of the next 12 – 24 hours based on the change of atmospheric pressure. The coverage area is around 30 – 50 km. The weather forecast is based on atmospheric pressure change and is about 70-75% correct. As weather conditions cannot be 100% correctly forecasted, we cannot be responsible for any loss caused by an incorrect forecast.

SUNNY PARTLY CLOUDY CLOUDY RAINY STORMY

To obtain an accurate weather forecast & barometric pressure reading, you need to input your current altitude. After the reset of the unit, it will enter the altitude setting mode. Press "▲" or "▼" to set the pressure unit first, and then press "PRESSURE" and enter your current altitude. Press "PRESSURE" to confirm and exit the setting. You can also hold "PRESSURE" button to enter altitude setting mode during normal use.

- Press PRESSURE button to select pressure unit between hPa, inHg & mb.

IN/OUT TEMPERATURE

Temperature reading is located on the bottom of the display.
Press "C/F" button to select temperature unit °C/ °F
Press "CHANNEL" button to select indoor, Ch1, Ch2, Ch3 and auto-channel scrolling display modes.
Hold "CHANNEL" for 3 seconds to enforce searching of remote sensors.

COLOR BAR GRAPH DISPLAY
The color graph display is designed as an intuitive way to gauge the weather at a glance.
The left color bar graph represents the respective In/Out temperature of the current display mode.
As the temperature measurements change, the number of illuminated bars changes automatically.

Select “BACKLIGHT” slide switch to “ON” position to turn on color display backlight continuously (This function is available only when adapter is connected).
Select “BACKLIGHT” slide switch to “OFF” position to turn off backlight.

MAXIMUM / MINIMUM MEMORY
Press MEMORY button repeatedly to view the maximum & minimum values of temperature readings. To clear the memory record, hold MEMORY button while the respective values are displaying on screen.

TEMPERATURE TREND INDICATOR
The icons will indicate Rising, Steady, Falling if the temperature change is more than 1 °C (or 2 °F) within an hour.

CLOCK & CALENDAR
Press “CLOCK” to toggle display between time, calendar and day of the week.
Hold “CLOCK “ button to enter clock setting mode. Using “▲”or “▼“ to adjust and “CLOCK” to confirm, the following values can be set in sequence:
12/24hr format > Hr > Min > Yr > D/M or M/D format > Month > Date > EXIT

HOME TIME, WORLD (ZONE) TIME
Hold “ZONE” to enter world (zone) time setting mode. Press “▲“or “▼“ to enter the desired hour offset value from –12 to +12 hours. Press “ZONE” to confirm each setting.

Press “ZONE“ button to toggle between home (radio-controlled) time and world (zone) time. “ZONE” icon appears when world (zone) time is selected. When zone time is not used, set zone time to “0”.

ALARM SETTING
Press “ALARM” to show alarm time and “AL.” icon will appear. Press again to enable or disable the alarm. Bell icon “🔔” appears when alarm is enabled.
Hold “ALARM” to enter alarm time setting mode. Press “▲”or “ ▼” to enter the desired Hr/ Min values and press “ALARM“ to confirm setting.

SNOOZE & BACKLIGHT
When alarm goes off, press “SNOOZE/LIGHT” to trigger snooze alarm and “Zz” icon will appear. To stop alarm, press “ALARM” key.
To turn on backlight, press “SNOOZE/LIGHT” or select “BACKLIGHT” slide switch to “ON” position.
NOTE: Continuous backlight function is only available when adapter is connected

BLUE LIGHT BAR (NIGHT-LIGHT)
Select “LIGHT BAR” slide switch to “ON” position to turn on the blue light bar (night-light) continuously (This function is available only when adapter is connected).
Select “LIGHT BAR” slide switch to “OFF” position to turn off the light bar.

IMAGE PROJECTION

To project time image onto wall or ceiling, press “SNOOZE/LIGHT” button or select “PROJECTION” slide switch to “ON” position.
Select “PROJECTION” to “OFF” position to turn off continuous projection
Rotate the “FOCUS” knob to adjust the image focus.
Rotate the “IMAGE ROTATION” knob to adjust the orientation of the projected image
NOTE: Continuous projection function is only available when adapter is connected

LOW BATTERY INDICATION

Low battery indication is available for the home unit itself and all of the 3 remote channels. Replace the batteries and follow the setup procedure in this instruction manual.

BATTERY DISPOSAL

Replace only with the same or equivalent type recommended by the manufacturer.
Please disposal of old, defective batteries in an environmentally friendly manner in accordance with the relevant legislation.

SPECIFICATIONS

Indoor unit	: 0 °C to + 50 °C (+32 °F to +122 °F)
Remote sensor	: -20 °C to +60 °C (-4 °F to +140 °F)
Channel	: max. 3 remote sensors
Transmission	: up to 30M (98 ft.) in open area, RF434 MHz
Temp Resolution	: 0.1 °C (or 0.2 °F)
Clock	: DCF77 Radio-Controlled, Quartz back-up
Power	: 4.5V adapter & AAA x 3 pcs (batteries no included) for projection clock AAA x 2 pcs (included) for remote sensor

RECYCLING INFORMATION

The symbol opposite indicates that the electric and electronic components are the subject of a selective collection.
The electric and electronic products can contain substances having negative effects on the environment and health. Worn, they must be thrown with domestic waste but to be imperatively recovered in selective collections: dumps, associations of social and interdependent economy.
The selection of waste decreases the potential effects on the environment and human health due to the dangerous substances which can compose certain electric and electronic components.
Take an active part: To remove you not from the apparatuses with domestic waste !

CE

DETAILS AND PRECAUTIONS ON THE USE OF BATTERIES :

- Discard a used battery in nature or garbage pollutes and prevents the recovery of recyclable materials. It is therefore important **to limit consumption of batteries** and follow these guidelines:

- focus on alkaline batteries (that last longer than the saline batteries) and when possible, rechargeable batteries
- deposit batteries and accumulators in specific containers arranged among traders.

For example, metals will be valued and polluted the environment because they contain heavy metals hazardous to health and the environment primarily (cadmium and nickel)

- The piles must installation by respecting the polarity indicated on the apparatus and the pile. An incorrect positioning can is to damage the apparatus, is to cause escapes on the level of the pile, is to the extreme to cause a fire or the explosion of the pile.
- To ensure proper operation, the batteries must be in good condition. In case of abnormality in the functioning of the device, put fresh batteries
- Never attempt to recharge non-rechargeable batteries. They could run, warm up, causing a fire or explosion.
- Replace all batteries at the same time. Never mix zinc batteries with alkaline batteries or rechargeable batteries
- The batteries must be removed from the device
- Also, remove the batteries from your device if you do not use it for a long time, if the batteries may leak and cause damage.
- Never try to short-circuit the battery terminals
- Never dispose of batteries in fire, they might explode
- Charging of batteries is to be performed by an adult.
- Remove batteries from the device before reloading.
- We recommend an adult to supervise children when they change the batteries so that these instructions are complied with or to make himself the replacement of batteries.
- If a battery is swallowed, immediately consult a doctor or poison control center nearest you. Do not forget to carry the product with you

Déclaration de Conformité (DoC) RTT&E

Nous, Société Inovalley, 9 rue Rapporteur, 95310 Saint-Ouen l'Aumone, déclarons sous notre seule responsabilité que le produit:

Marque : Inovalley
Nom commercial : Réveil projecteur - Station météo
Type: RPM10 - Modèle: W164-3 (réveil)+ TL-35GD-045300 (adaptateur secteur)
auquel se réfère cette déclaration est conforme aux exigences essentielles et aux autres dispositions de la directive RTT&E (1999/5/CE) qui lui sont applicables.
Le produit est en conformité avec les normes et/ou autres documents normatifs suivants :

Station :

RTTE :	EN 300 220-2 V2:2007	EN 300 330-2 V1.3.1:2006	EN 301 489-1 V1.8.1:2008
	EN 301 489-03 V1.4.1:2002	EN 50371 :2002	EN 60950-1 :2006
LVD :	EN 60950-1 :2006		

Adaptateur :

EMC :	EN 55014-1 : 2000+A1+A2	EN 61000-3-3 : 1995+A1+A2
LVD :	EN 61558-2-6:1997	EN 61558-1 :1997+A1+A2

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Le fabricant
INOVALLEY

J.L THIRY (Président)